Mobile Driver's License Standard Approved and Published

Geneva, Switzerland (October 5, 2021) **–** The eagerly anticipated ISO/IEC 18013-5 International standard: Personal Identification - Mobile Driver's License (mDL) was unanimously approved for publication on August 18, 2021 and is now available at https://www.iso.org/standard/69084.html. Publication clears the way for ID and driver's license issuers world-wide to confidently deploy mobile solutions, and for verifiers around the world to implement or adopt readers. This will enable businesses, government agencies, and other entities that verify government-issued ID documents and driver's licenses to quickly and with high confidence validate such mobile credentials. mDL also gives the holder control of their ID data on their mobile device, while allowing acceptance via a tap or scan.

This global mDL standard is the result of more than 6 years of effort through an open collaboration of issuers, technology providers, regional authorities (such as AAMVA, EReg, Austroads, and the African Tripartite), and businesses that accept identity documents to approve transactions. Quarterly meetings were held in person and, in the interest of inclusivity, on every continent. Meetings transitioned into virtual and more frequent meetings in 2020 and 2021.

ISO/IEC 18013-5 for Mobile Driver's Licenses, which can also be used for Mobile IDs, overcomes the insecurity of showing a card on a phone screen and offers a host of benefits for holders of ID cards and driver's licenses, and for verifiers accepting such documents:

- **A comprehensive global standard** for sharing identity document information, matured during several test events held on nearly every continent during the last two years.
- **Multiple ways to interact**. A secure device-to-device protocol for sharing identity information that supports multiple transmission technologies, so that mDL holders can tap or allow a scan to share their information and verifiers can accept mDLs quickly according to their customer flows.
- **Increased privacy for mDL holders, compared to physical cards:**
    - **Share only relevant data**. Support for data minimization (e.g., to share only the fact that one is older than 21 rather than one's full date of birth) built into the standard.
    - **Consent to share**. Controls that allow the mDL holder to release only some of the data elements requested by a verifier and only after explicit consent.
    - **Phone stays in your control**. The phone never leaves the holder's hands, unlike physical cards.
    - **Know when your data is stored**. Explicit notification to an mDL holder if a verifier intends to retain their information. Verifiers can avoid the liability of retaining data.
    - **Resistant to tracking.** The design includes mechanisms to prevent tracking.
- **Difficult to forge.** Stored and shared documents are cryptographically protected against counterfeit, adding resistance to the creation of fake IDs. Verifiers can easily check authenticity.
- **Works for any mobile ID document.** The mechanisms in the standard can be used for any type of mobile identification document or for documents such as vehicle registration certificates.
- **Works when devices do not have connection.** Data can be securely shared between a mDL and a reader even if either or both devices do not have a network connection.
- **Provides privacy best practices** for issuing authorities and verifiers. A dedicated Privacy Annex in the standard provides guidelines for maximizing mDL holder privacy.

Chrissy Nizer, Chair of the American Association of Motor Vehicle Administrators Board of Directors said, "This standard will provide the necessary components to support mDL security and interoperability across the globe while ensuring the privacy and safety of the mDL holder."

Servi Beckers, Chairman of the Association of European Vehicle and Driver Registration Authorities (EReg) said, "this standard is a good example of industry and public administration cooperating to enhance our citizens lives. It places the driving licences in our modern times where we are already used to use our mobile phones for almost anything. The great advantages I see from a citizen's perspective are: better privacy protection, up-to-date driver capabilities (and thus room for tailored solutions), easier travelling (worldwide standard), and room for innovative ideas in digital services where driving licences are used."

Chris Goh, on behalf of Austroads, noted the following: "Austroads would like to commend the International Organization for Standardization working group for the ISO/IEC 18013-5 Mobile Driver Licence standard. This standard was developed through strong partnership with global industry leaders in identity as well as global issuing authorities of credentials. This standard will create the foundation for not just digital driver's licences to be trusted and accepted across state and national borders but enables the underlying identity to be used securely by citizens of participating jurisdictions to seamlessly access products and service across business, industry and government entities."

"TSA considers ISO standards for personal identification documents to be a cornerstone for greater security and privacy," said TSA Administrator David Pekoske. "The new standard for mobile driver's licenses represents a significant step forward and will eventually help ensure a more touchless and efficient airport screening experience for all travelers."

About ISO

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ISO/IEC 18013-5 was developed by the joint ISO and IEC subcommittee 17 Cards and security devices for personal identification of technical committee ISO/IEC JTC 1 Information technology.

For more information see www.iso.org

PR Contact

Junichi Sakaki

Secretary of JTC 1/SC 17/WG 10

secretary@sc17wg10.com